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SUBJECT: M/015/026 PAGANO CLAY PROJECT

REMARKS: HERE IS A COPY OF THE SEEDMIX FOR THE
MINE AREA AND RIPARIAN AREA.

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all the pages, please call

MN9/61

Prepared by Division of Oil, Gas and Mining
October 21, 1992

Reclamation Seedmix Recommendation
for the
Pagano Clay Project
M/015/026

Mine Area

Grasses

<u>Common Name</u>	<u>Scientific Name</u>	<u>lbs/Acre</u>
Crested wheatgrass	Agropyron cristatum	2
Indian ricegrass	Oryzopsis hymenoides	1
Bluebunch wheatgrass	Agropyron spicatum	2
Western wheatgrass	Agropyron smithii	2

Forbs

Melilotus officinalis	Cicer milkvetch	1
Blue flax	Linum lewisii	.5

Trees and Shrubs

Fourwing saltbush	Atriplex canescens	2
Shadscale	Atriplex confertifolia	2
Winterfat	Eurotia lanata	2

Total lbs/acre = 14.5

Seed Application

The above seeding rate has been developed for application by Drill seeding. If broadcasting is to be used the rate should be increased by 35%.

You will need to ensure that the soil has been loosened sufficiently before seeding by disking or harrowing (at least the top 6 inches of soil). Where the soil has become extremely compacted, resulting from heavy equipment usage, you will need to deep rip the soil, before seeding.

The seed should be applied before the first hard freeze of the year, preferably before the end of November.

Riparian Area

Grasses

<u>Common Name</u>	<u>Scientific Name</u>	<u>lbs/Acre</u>
Alkali sacaton	Sporobolus airoides	1
Basin wildrye	Elymus cinereus	3

Trees and Shrubs

Willow	Salix spp	see below
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Since seed is not available, willows must be planted as tublings or cuttings. Approximately 50 tublings/cuttings should be planted in areas of disturbance along the stream channel. The grasses should be broadcast onto stream embankments.

* ** TRANSMIT CONFIRMATION REPORT ** *
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